

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L15	22	("4672674"   "4908855"   "4912767"   "5121426"   "5131047"   "5148471"   "5201006"   "5239578"   "5251263"   "5319736"   "5323458"   "5335276"   "5343521"   "5381473"   "5406622"   "5444786"   "5452361"   "5471538"   "5473702"   "5481615"   "5493616"   "5526421").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/03 15:31
L14	8	("5625684").URPN.	USPAT	OR	ON	2007/09/03 15:30
L12	0	"10157"	FPRS; EPO; JPO	OR	ON	2007/09/03 12:52
L11	0	"9510157"	FPRS; EPO; JPO	OR	ON	2007/09/03 12:52
L3	5	"9510157"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/03 12:52
L10	15	"95" and "10158" and ludwig	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/03 12:50
L9	188	"95" and "10158"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/03 12:50
L4	5	"9510158"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/03 12:50
L8	1	1995-125360.NRAN.	DERWENT	OR	ON	2007/09/03 12:43
L7	1	1995-125360.NRAN.	DERWENT	OR	ON	2007/09/03 12:27
L6	1	2282506A	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/03 12:22

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L5	24	"721725"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/03 12:22
L1	2	"5689641".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/03 12:21
L2	0	"509402961" "509411193"	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/03 12:19
S46	2	"5617539".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/03 12:15
S98	3	("5033082"   "5473701"   "5581495").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/02 19:33
S97	6	("6430295").URPN.	USPAT	OR	ON	2007/09/02 19:32
S96	2	("5825898"   "6084973").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/02 19:31
S95	4	("6084973").URPN.	USPAT	OR	ON	2007/09/02 19:30
S94	23	("5740256").URPN.	USPAT	OR	ON	2007/09/02 19:23
S93	20	("6041127").URPN.	USPAT	OR	ON	2007/09/02 19:21
S92	9	("4355368"   "5027393"   "5471538"   "5561598"   "5740256"   "5754665"   "5796819"   "5853607"   "6041127").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/02 19:16
S91	22	("5471538").URPN.	USPAT	OR	ON	2007/09/02 18:45
S90	52	(microphone transducer) near20 (dsp signal near2 process\$3 adaptive\$2) near20 (direction\$4 near20 (sensitive sensitivit\$3))	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 14:00

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S89	6	(microphone transducer) near20 (dsp signal near2 process\$3 adaptive\$2) near20 (direction\$4 near20 (sensitive sensitivit\$3)) and (head\$1set hand\$1set head adj mount\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 14:00
S88	240	(microphone transducer adaptive\$2) near20 (direction\$4 near20 (sensitive sensitivit\$3)) and (head\$1set hand\$1set head adj mount\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 13:59
S87	7	(microphone transducer adaptive\$2) near20 (direction\$4 near20 (sensitive sensitivit\$3)) near20 (head\$1set hand\$1set head adj mount\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 13:59
S86	3	(microphone transducer adaptive\$2) near20 (direction\$4 near20 (sensitive sensitivit\$3)) and (stereo multi\$1channel) near20 (echo\$2)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 13:57
S85	1	(microphone transducer) near20 (direction\$4 near20 sensitivit\$3) and (stereo multi\$1channel) near20 (echo\$2)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 13:56
S84	27	(microphone transducer) near20 (beam\$1forming beam adj form\$3) and (stereo multi\$1channel) near20 (echo\$2)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 13:55
S83	6	(cellular) and (microphone transducer) near20 (beam\$1forming beam adj form\$3) and (stereo multi\$1channel) near20 (echo\$2)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 13:46
S82	1	(cellular) and (microphone transducer) near5 (beam\$1forming beam adj form\$3) and (stereo multi\$1channel) near20 (echo\$2)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 13:45

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S81	110	(cellular) and (microphone transducer) near5 (beam\$1forming beam adj form\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 13:44
S80	0	(cellular) with (microphone transducer) near5 (beam\$1forming beam adj form\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 13:35
S79	4	(tele\$1phone) with (microphone transducer) near5 (beam\$1forming beam adj form\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 13:35
S78	182	(tele\$1phone) and (microphone transducer) near5 (beam\$1forming beam adj form\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 13:34
S76	188	(phone) and (microphone transducer) near20 (beam\$1forming beam adj form\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 13:33
S75	228	(tele\$1phone) and (microphone transducer) near20 (beam\$1forming beam adj form\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 13:33
S77	0	(phone) and (head\$1set) near20 (microphone transducer) near20 (beam\$1forming beam adj form\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 13:32
S74	292	(tele\$1phone phone) and (microphone transducer) near20 (beam\$1forming beam adj form\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 13:32

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S73	328	(cellular cell\$1phone cell adj phone tele\$1phone phone) and (microphone transducer) near20 (beam\$1forming beam adj form\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 13:31
S70	16	(head\$1set ear\$1piece) near20 (cellular cell\$1phone cell adj phone tele\$1phone phone) and (microphone) near20 (beam\$1forming beam adj form\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 13:31
S72	5	(head\$1set ear\$1piece) with (microphone transducer) near20 (beam\$1forming beam adj form\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 13:30
S71	0	(head\$1set ear\$1piece) near20 (microphone) near20 (beam\$1forming beam adj form\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 13:30
S69	0	(head\$1set ear\$1piece) near20 (cellular cell\$1phone cell adj phone tele\$1phone phone) near20 (microphone) near20 (beam\$1forming beam adj form\$3)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 13:28
S68	36	(stereo cd audio) near10 (speaker transducer) near20 (phone cell\$1phone cellular cell adj phone telephone conversation) near20 (mask\$3 cancel\$7 conceal\$4) and (vehicle auto automobile car)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 08:10
S67	89	(stereo cd audio) near10 (speaker transducer) near20 (phone cell\$1phone cellular cell adj phone telephone conversation) near20 (mask\$3 cancel\$7 conceal\$4)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 08:10
S66	72	(cell\$4 telephone phone call\$3) near20 (back\$1seat front\$1seat back front passenger occupant driver) same (cancel\$7) near10 (noise) not S62	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 08:08

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S65	138	(cell\$4 telephone phone call\$3) near20 (back\$1seat front\$1seat back front passenger occupant driver) same (cancel\$7) near10 (noise)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 08:06
S62	66	(cell\$4 telephone phone call\$3) near20 (passenger occupant driver) same (cancel\$7) near10 (noise)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 08:05
S64	2	"5845000".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 08:04
S63	2	"5854000".pn.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 08:04
S61	577	(cell\$4 telephone phone call\$3) near20 (passenger occupant driver) same (cancel\$7)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 07:51
S60	21	381/86.ccls. and 700/94.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/30 07:49
S59	3	381/86.ccls. and 381/94.3.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 17:07
S58	8	381/86.ccls. and 381/94.1.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 17:07

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S57	0	381/86.ccls. and 381/94.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 17:05
S56	5	381/86.ccls. and 381/74.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 17:05
S44	889	381/86.ccls.	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 17:05
S55	18	(noise) near5 (cancel\$7) and (phone telephone cellular) near5 (conversation call) near20 (microphone) and (wind\$2 near10 noise)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 17:01
S54	127	(noise) near5 (cancel\$7) and (phone telephone cellular) near5 (conversation call) near20 (microphone)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 17:01
S53	31	(automobile vehicle car) same (noise) near5 (cancel\$7) and (phone telephone cellular) near5 (conversation call) near20 (microphone)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 17:01
S52	12	(automobile vehicle car) same (noise) near5 (cancel\$7) and (wind near5 noise) and (phone telephone cellular) near5 (conversation call) near20 (microphone)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 17:00
S51	67	(automobile vehicle car) same (noise) near5 (cancel\$7) and (wind near5 noise) and (phone telephone cellular) near5 (conversation call)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 16:57

## EAST Search History

S50	137	(automobile vehicle car) same (noise) near5 (cancel\$7) and (wind near5 noise)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 16:57
S49	28	(automobile vehicle car) near5 (noise) near5 (cancel\$7) and (wind near5 noise)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 16:57
S48	11	(automobile vehicle car) near5 (noise) near5 (cancel\$7) and (wind near5 noise)	USPAT	OR	ON	2007/08/29 16:54
S47	20	("5034996").URPN.	USPAT	OR	ON	2007/08/29 16:54
S45	94	381/86.ccls. and (noise near20 cancel\$7)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/08/29 16:00